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CS203 Computer Organization

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### Project 1 Java Archive Manual

The input described in the ProjectManual.pdf is the same. I will describe here how to run the .jar files from the command line:

First, cd into ZurmuhlProject1JAR.

#### **Program 1: Assembler:**

```
java -jar Assembler.jar "AssemblyCode.as"
```

-“AssemblyCode.o” should be written to the directory

#### **Program 2: CPU\_Emulator**

```
java -jar CPU_Emulator.jar "AssemblyCode.o" Boolean
```

-Boolean=true for noisy

-Boolean=false for not noisy

#### **Program 3: Viewer**

```
java -jar Viewer.jar String Boolean int int
```

-String: Name of \*.o image file (like “AssemblyCode.o”)

-Boolean: “true” for hexadecimal “false” for binary

-int 1: starting point in memory (must be in hexadecimal and divisible by 4)

-int 2: ending point in memory (must be in hexadecimal, divisible by 4, and larger than int 1)